

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L2	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L3	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L4	882115	tolerance error	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L5	5482	L3 same L1	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L6	1058	L5 and L2	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L7	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L8	1013	L6 and L7	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L9	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L10	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L11	1381	(L10 near10 L7) and (L2 same L1) and L9	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L12	500	L11 and L3	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L13	28	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L14	125	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L15	168	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L16	59	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L17	196	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L18	13524	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L19	41222	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L20	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34

## EAST Search History

L21	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L22	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L23	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L24	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L25	80	(L24 near10 L22) same (L21 same L20) same L23	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L26	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L27	16	L25 same L26	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L28	7	L25 and L18	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L29	38	L25 and L19	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L30	2	L27 and L18	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L31	9	L27 and L19	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L32	2	((("6587411") or ("5802026")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L33	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L34	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L35	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L36	882115	tolerance error	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L37	5482	L35 same L33	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L38	1058	L37 and L34	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L39	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L40	1013	L38 and L39	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L41	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34

## EAST Search History

L42	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L43	1381	(L42 near10 L39) and (L34 same L33) and L41	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L44	500	L43 and L35	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L45	28	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L46	125	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L47	168	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L48	59	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L49	196	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L50	13524	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L51	41222	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L52	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDRom "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L53	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L54	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L55	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L56	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L57	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L58	80	(L56 near10 L54) same (L53 same L52) same L55	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L59	16	L58 same L57	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L60	7	L58 and L50	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L61	38	L58 and L51	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L62	2	L59 and L50	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34

## EAST Search History

L63	9	L59 and L51	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L64	2	((("6587411") or ("5802026")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L65	183	(L56 near10 L54) same L53 same L52	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L66	71	L65 and L51	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L67	4	((("6785195") or ("6211800")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 14:34
L68	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDRom "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L69	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L70	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L71	882115	tolerance error	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L72	5482	L70 same L68	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L73	1058	L72 and L69	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L74	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L75	1013	L73 and L74	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L76	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L77	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L78	1381	(L77 near10 L74) and (L69 same L68) and L76	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L79	500	L78 and L70	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L80	28	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L81	125	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L82	168	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34

## EAST Search History

L83	59	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L84	196	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L85	13524	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L86	41222	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L87	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L88	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L89	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L90	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L91	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L92	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L93	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L94	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L95	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L96	882115	tolerance error	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L97	5482	L95 same L93	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L98	1058	L97 and L94	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L99	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L100	1013	L98 and L99	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L101	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L102	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L103	1381	(L102 near10 L99) and (L94 same L93) and L101	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34

## EAST Search History

L104	500	L103 and L95	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L105	28	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 15:04
L106	125	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L107	168	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L108	59	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L109	196	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L110	13524	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L111	41222	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L112	369352	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L113	129599	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L114	1782968	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L115	398092	audio sound	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L116	4416201	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L117	100356	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L118	183	(L116 near10 L114) same L113 same L112	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L119	80	(L91 near10 L89) same (L88 same L87) same L90	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L120	16	L119 same L92	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L121	7	L119 and L85	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L122	38	L119 and L86	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L123	2	L120 and L85	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L124	9	L120 and L86	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34

## EAST Search History

L125	2	((("6587411") or ("5802026")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L126	80	(L116 near10 L114) same (L113 same L112) same L115	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L127	16	L126 same L117	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L128	7	L126 and L110	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L129	38	L126 and L111	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L130	2	L127 and L110	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L131	9	L127 and L111	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L132	2	((("6587411") or ("5802026")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 14:34
L133	71	L118 and L111	US-PGPUB; USPAT	OR	ON	2006/03/30 14:34
L134	4	((("6785195") or ("6211800")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 14:34
L135	1	("20020118616").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 15:00
L136	1298	fujiwara.in.	US-PGPUB	OR	ON	2006/03/30 15:00
L137	1283	sugiyama.in.	US-PGPUB	OR	ON	2006/03/30 15:00
L138	49	narusawa.in.	US-PGPUB	OR	ON	2006/03/30 15:03
L139	1	136 and 137 and 138	US-PGPUB	OR	ON	2006/03/30 15:03
L140	4	(369/47.29).CCLS.	US-PGPUB	OR	OFF	2006/03/30 15:05
L141	184	(369/47.32-47.35).CCLS.	US-PGPUB	OR	OFF	2006/03/30 15:08
L142	44	(head pickup) and ((first second two multiple) near2 buffer) and (DAC "D/A" (digital near2 analog)) and ((first second two multiple) near2 controller) and (high\$3 near2 (speed velocity)) and (optical near2 (disk disc medium))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/30 15:13
S1	301576	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/12/02 13:57
S2	113955	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/04/05 11:06

## EAST Search History

S3	89765	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/04/05 11:06
S4	774947	tolerance error	US-PGPUB; USPAT	OR	ON	2005/04/05 11:06
S5	4715	S3 same S1	US-PGPUB; USPAT	OR	ON	2005/04/05 11:06
S6	904	S5 and S2	US-PGPUB; USPAT	OR	ON	2005/04/05 11:06
S7	1564510	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/04/05 11:07
S8	868	S6 and S7	US-PGPUB; USPAT	OR	ON	2005/04/05 11:07
S9	344146	audio sound	US-PGPUB; USPAT	OR	ON	2005/04/05 11:07
S10	3996003	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/04/05 11:08
S11	1229	(S10 near10 S7) and (S2 same S1) and S9	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44
S12	442	S11 and S3	US-PGPUB; USPAT	OR	ON	2005/04/06 12:45
S13	24	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 11:17
S14	91	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 11:17
S15	155	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 11:17
S16	55	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 11:17
S17	176	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/05 11:17
S18	12122	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/04/06 12:44
S19	37799	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/04/06 12:44
S20	301576	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDRom "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44
S21	113955	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44
S22	1564510	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44
S23	344146	audio sound	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44



## EAST Search History

S24	3996003	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/04/06 12:44
S25	76	(S24 near10 S22) same (S21 same S20) same S23	US-PGPUB; USPAT	OR	ON	2005/08/08 15:43
S26	89765	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/04/06 12:46
S27	16	S25 same S26	US-PGPUB; USPAT	OR	ON	2005/04/06 12:47
S28	6	S25 and S18	US-PGPUB; USPAT	OR	ON	2005/04/06 12:47
S29	37	S25 and S19	US-PGPUB; USPAT	OR	ON	2005/04/06 12:47
S30	2	S27 and S18	US-PGPUB; USPAT	OR	ON	2005/04/06 12:47
S31	9	S27 and S19	US-PGPUB; USPAT	OR	ON	2005/04/06 12:48
S32	2	((("6587411") or ("5802026"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 17:30
S33	323620	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S34	119093	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S35	93348	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S36	810340	tolerance error	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S37	4967	S35 same S33	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S38	961	S37 and S34	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S39	1637131	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S40	924	S38 and S39	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S41	361695	audio sound	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S42	4137541	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S43	1273	(S42 near10 S39) and (S34 same S33) and S41	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S44	462	S43 and S35	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15

## EAST Search History

S45	26	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S46	111	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S47	159	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S48	56	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S49	185	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S50	12612	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S51	38889	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S52	323620	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S53	119093	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S54	1637131	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S55	361695	audio sound	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S56	4137541	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S57	77	(S56 near10 S54) same (S53 same S52) same S55	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S58	93348	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S59	16	S57 same S58	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S60	6	S57 and S50	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S61	37	S57 and S51	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S62	2	S59 and S50	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S63	9	S59 and S51	US-PGPUB; USPAT	OR	ON	2005/08/08 15:15
S64	2	((("6587411") or ("5802026"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 15:15
S65	167	(S56 near10 S54) same S53 same S52	US-PGPUB; USPAT	OR	ON	2005/08/08 15:57

## EAST Search History

S66	66	S65 and S51	US-PGPUB; USPAT	OR	ON	2005/08/08 15:57
S67	4	((("6785195") or ("6211800"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/02 13:58
S68	346401	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDRom "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S69	124400	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S70	96815	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S71	845981	tolerance error	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S72	5245	S70 same S68	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S73	1014	S72 and S69	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S74	1709888	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S75	971	S73 and S74	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S76	379507	audio sound	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S77	4276792	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S78	1333	(S77 near10 S74) and (S69 same S68) and S76	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S79	485	S78 and S70	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S80	27	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S81	116	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S82	164	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S83	57	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S84	192	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S85	13086	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24

## EAST Search History

S86	40110	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S87	346401	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S88	124400	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S89	1709888	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S90	379507	audio sound	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S91	4276792	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S92	78	(S91 near10 S89) same (S88 same S87) same S90	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S93	96815	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S94	16	S92 same S93	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S95	7	S92 and S85	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S96	37	S92 and S86	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S97	2	S94 and S85	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S98	9	S94 and S86	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S99	2	((("6587411") or ("5802026")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S10 0	346401	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDROM "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 1	124400	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 2	96815	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 3	845981	tolerance error	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 4	5245	S102 same S100	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 5	1014	S104 and S101	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 6	1709888	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24

## EAST Search History

S10 7	971	S105 and S106	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 8	379507	audio sound	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S10 9	4276792	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S11 0	1333	(S109 near10 S106) and (S101 same S100) and S108	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S11 1	485	S110 and S102	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S11 2	27	(369/47.29).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 3	116	(369/47.32).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 4	164	(369/47.33).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 5	57	(369/47.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 6	192	(369/47.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 7	13086	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 8	40110	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S11 9	346401	((optical compact) near2 (disk\$2 disc\$2 medium)) CD CDRom "CD-ROM"	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 0	124400	(DA (digital adj2 (analog audio)) adj1 convert\$3) DAC	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 1	1709888	buffer RAM storage memory memories	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 2	379507	audio sound	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 3	4276792	plural\$4 second multipl\$7 two dual	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 4	96815	(play\$3 read\$3 reproduc\$3) near5 (rate speed)	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 5	78	(S123 near10 S121) same (S120 same S119) same S122	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 6	16	S125 same S124	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 7	7	S125 and S117	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24

## EAST Search History

S12 8	37	S125 and S118	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S12 9	2	S126 and S117	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S13 0	9	S126 and S118	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S13 1	2	((("6587411") or ("5802026"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/04 11:24
S13 2	173	(S123 near10 S121) same S120 same S119	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S13 3	68	S132 and S118	US-PGPUB; USPAT	OR	ON	2005/12/04 11:24
S13 4	4	((("6785195") or ("6211800"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/04 11:24